

TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371

Attorney Docket No.

4001-1197

U.S. Application No.

10/522818

INTERNATIONAL APPLN. NO.  
PCT/DE2003/002586

INTERNATIONAL FILING DATE  
July 31, 2003

PRIORITY DATE CLAIMED  
July 31, 2002

TITLE OF INVENTION: PIEZOACTUATOR AND METHOD FOR PRODUCTION OF THE PIEZOACTUATOR


APPLICANT(S) FOR DO/EO/US: Karl LUBITZ, Hedwig MURMANN-BIESENECKER and Andreas WOLFF

Applicant herewith submits to the United States Designated Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)).  
The submission must include items (5), (6), (9) and (21) indicated below.
4. ☒ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371 (c)(2))
  - a. ☒ is attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ has been communicated by the International Bureau. See attached PCT/IB/308.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2))
  - a. ☒ is attached hereto.
  - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)).
  - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ have been communicated by the International Bureau.
  - c. ☐ have not been made, however, the time limit for making such amendments has NOT expired.
  - d. ☐ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4))
10. ☐ A Declaration of Inventorship for purposes of U.S.A. designation pursuant to rule 4.17(iv). ))
11. ☐ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

**Items 11 to 20 below concern document(s) or information included:**

12. ☒ Information Disclosure Statement (IDS) w/PTO-1449 - ☒ Copy of IDS citations.
13. ☒ Assignment Papers (cover sheet & document(s)).
14. ☒ A preliminary amendment.
15. ☒ An Application Data Sheet under 37 C.F.R. 1.76.
16. ☒ Itemized Return Receipt Postcard
17. ☐ A substitute specification.
18. ☐ Power of Attorney and Statement under 37 CFR §3.73(b)
  - a. ☐ Newly executed Power of Attorney
  - b. ☐ A change of Power of Attorney and/or change of address letter.
19. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2, and 37 CFR 1.821 - 1.825.
20. ☐ A second copy of the published international application under 35 U.S.C. 154(d)(4).
21. ☐ A second copy of the English language translation of the international application (35 U.S.C. 154(d)(4)).
22. ☒ Other items or information: International Search Report, Abstract

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<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. <input checked="" type="checkbox"/> The following fees are submitted:  <b>PCT FEES - NATIONAL STAGE</b>					<b>CALCULATIONS</b> <b>PTO USE ONLY</b>																																																																													
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr> <td>1631</td> <td>300.00</td> <td>2631</td> <td>150.00</td> <td>Basic National Stage Fee</td> </tr> <tr> <td>1632</td> <td>500.00</td> <td>2632</td> <td>250.00</td> <td>National Stage Search Fee</td> </tr> <tr> <td>1633</td> <td>200.00</td> <td>2633</td> <td>100.00</td> <td>National Stage Examination Fee</td> </tr> <tr> <td colspan="5">           Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20- <input checked="" type="checkbox"/> 30 months from the earliest claimed priority date (Fee Code 1617/2617)         </td> </tr> <tr> <td colspan="2">           National Stage Application size fee each additional 50 sheets in excess of 100             Fee Code 1681/2681         </td> <td colspan="2">           Additional Sheets            20 - 100 = <u>50</u> X         </td> <td>           Fee From Below  <b>\$125.00</b> </td> </tr> <tr> <td colspan="2" style="text-align: center;"><b>CLAIMS</b></td> <td>NUMBER FILED 1 - 3 =</td> <td>NUMBER EXTRA</td> <td>RATE x \$100.00</td> </tr> <tr> <td colspan="2">Independent Claims Fee Codes 1614 / 2614</td> <td></td> <td></td> <td>\$0.00</td> </tr> <tr> <td colspan="2">Total Claims Fee Codes 1615 / 2615</td> <td>17 - 20 =</td> <td></td> <td>x \$25.00</td> </tr> <tr> <td colspan="2">MULTIPLE DEPENDENT CLAIM(S) (if applicable) Fee Code 1616 / 2616</td> <td></td> <td></td> <td>+ \$360.00</td> </tr> <tr> <td colspan="5">           Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)). Fee Code 1618         </td> </tr> <tr> <td colspan="5">           Fee for recording the enclosed assignment (37 CFR 1.21(h)). (Fee code 8021)            \$40.00 per property +         </td> </tr> <tr> <td colspan="4" style="text-align: right;"><b>TOTAL FEES ENCLOSED</b></td> <td><b>\$1,040.00</b></td> </tr> <tr> <td colspan="4"></td> <td>Amount to be refunded: \$</td> </tr> <tr> <td colspan="4"></td> <td>Charged: \$</td> </tr> </tbody></table>				Large Entity		Small Entity		Fee Description	Fee Code	Fee (\$)	Fee Code	Fee (\$)	1631	300.00	2631	150.00	Basic National Stage Fee	1632	500.00	2632	250.00	National Stage Search Fee	1633	200.00	2633	100.00	National Stage Examination Fee	Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20- <input checked="" type="checkbox"/> 30 months from the earliest claimed priority date (Fee Code 1617/2617)					National Stage Application size fee each additional 50 sheets in excess of 100  Fee Code 1681/2681		Additional Sheets 20 - 100 = <u>50</u> X		Fee From Below <b>\$125.00</b>	<b>CLAIMS</b>		NUMBER FILED 1 - 3 =	NUMBER EXTRA	RATE x \$100.00	Independent Claims Fee Codes 1614 / 2614				\$0.00	Total Claims Fee Codes 1615 / 2615		17 - 20 =		x \$25.00	MULTIPLE DEPENDENT CLAIM(S) (if applicable) Fee Code 1616 / 2616				+ \$360.00	Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)). Fee Code 1618					Fee for recording the enclosed assignment (37 CFR 1.21(h)). (Fee code 8021) \$40.00 per property +					<b>TOTAL FEES ENCLOSED</b>				<b>\$1,040.00</b>					Amount to be refunded: \$					Charged: \$
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<input checked="" type="checkbox"/> A check in the amount of <b>\$1,040.00</b> to cover the above fees is attached.  <input type="checkbox"/> The Director is hereby authorized to charge indicated fees and credit any overpayment to Deposit Account No. 25-0120 in the name of Young & Thompson. A duplicate copy of this sheet is enclosed.  <input checked="" type="checkbox"/> The Director is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 25-0120 for any additional fee required under 37 C.F.R. §§ 1.16 or 1.17.																																																																																		
SEND ALL CORRESPONDENCE TO: YOUNG & THOMPSON 745 South 23 <sup>rd</sup> Street Arlington, VA 22202 Telephone: (703) 521-2297 Facsimile: (703) 685-0573			<div style="text-align: center;">           SIGNATURE       </div> <div style="text-align: center;">         Benoit Castel, Reg. No. 35,041          NAME, REGISTRATION NUMBER       </div> <div style="text-align: center;">         January 31, 2005          DATE       </div>																																																																															
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